

LAND APPLICATION SITE

KAREN REID SANSOM

GRKRS 1 - 5

GREENE COUNTY

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 8-9-17 between Karen Sansom referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Greene, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>35-A-28</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

KAREN REID SANSDOM
Landowner - Printed Name, Title

Karen Reid Sansom
Signature

P.O. Box 878, Stanardsville VA
Mailing Address & Phone Number 22973
434-962-2151

Permittee:

Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Stumbo
Permittee - Authorized Representative
Printed Name

Stumbo
Signature

PO Box 562 Remington, Virginia 22734
Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Racyc Systems, Inc —County or City: GREENE
 Landowner: KAREN SANSON

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Karen Acid Sanson 8-9-17
 Landowner's Signature Date

DAVID TEEL P.O. BOX 692
STANARDSVILLE, VA 22973
(434) 531-4931
 Farm Operator Signature Mailing Address & Phone Number

FARM DATA SHEET

SITE NAME:	Karen Reid Sansom	COUNTY:	Greene
OWNER:	Karen Reid Sansom c/o Todd Michael Sansom	OPERATOR:	David Teel
OWNER'S ADDRESS:	P.O. Box 878 Stanardsville, VA 22973	OPERATOR'S ADDRESS:	P.O. Box 692 Stanardsville, VA 22973
OWNER'S TELEPHONE:	434-962-2151	OPERATOR'S TELEPHONE:	434-531-4931
GENERAL FARM TYPE:	Hay/ Pasture	CELL PHONE:	-
# CATTLE:	40	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	38.276
TOPO QUAD:	Swift Run Gap	LONGITUDE:	78.512
COMMENTS:	METHOD OF DETERMINATION: Online Maps		

BB4

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
GRKRS 1	13.0	Sc Nov.-Apr.	-	-	Cv Nov.-May Sc Dec.-May	JR 09	TM 35-A-28	T 263 F 1, 2
GRKRS 2	9.7	Cn Nov.-Apr.	-	-	-	JR 09	TM 35-A-28	T 263 F 4
GRKRS 3	5.2	Cn Nov.-Apr.	-	-	-	JR 09	TM 35-A-28	T 263 F 4
GRKRS 4	14.8	Cn Nov.-Apr. Hb Oct.-May Sc Nov.-Apr.	-	-	Cv Nov.-May Hb Oct.-May Sc Dec.-May	JR 09	TM 35-A-28	T 263 F 4, 7
GRKRS 5	36.1	Cn Nov.-Apr. Kn Nov.-May Sc Nov.-Apr.	-	-	Cv Nov.-May Sc Dec.-May	JR 09	TM 35-A-28	T 263 F 8, 11
TOTAL ACRES IN SITE	78.8							

Landowner Coordination Form

Permittee: Recyc Systems, Inc

Site Name: Karen Reid Sansom

County or City: Greene

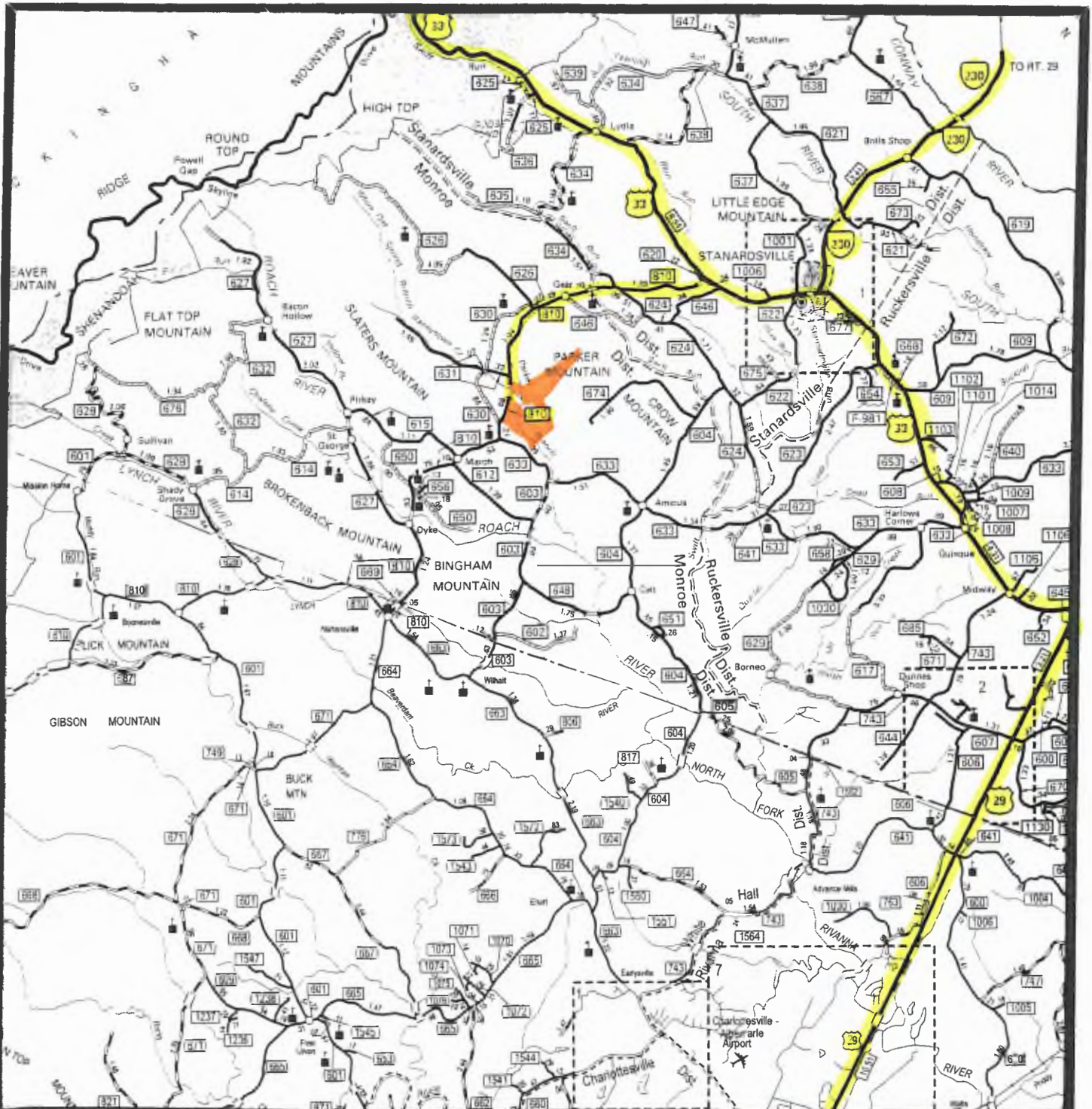
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MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

GRKRS 1-5

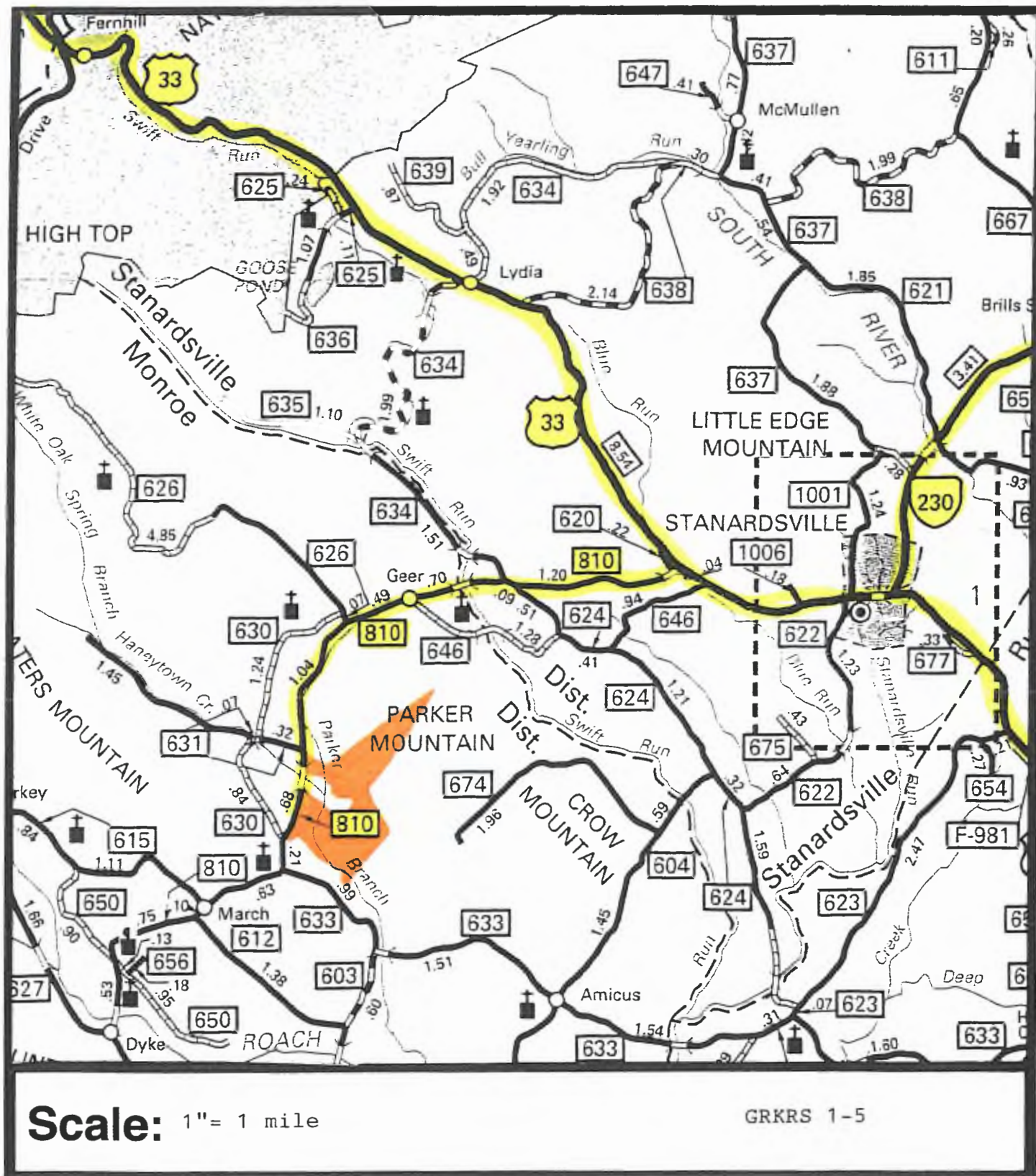
Truck Route marked
in Yellow

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Truck Route marked
in Yellow

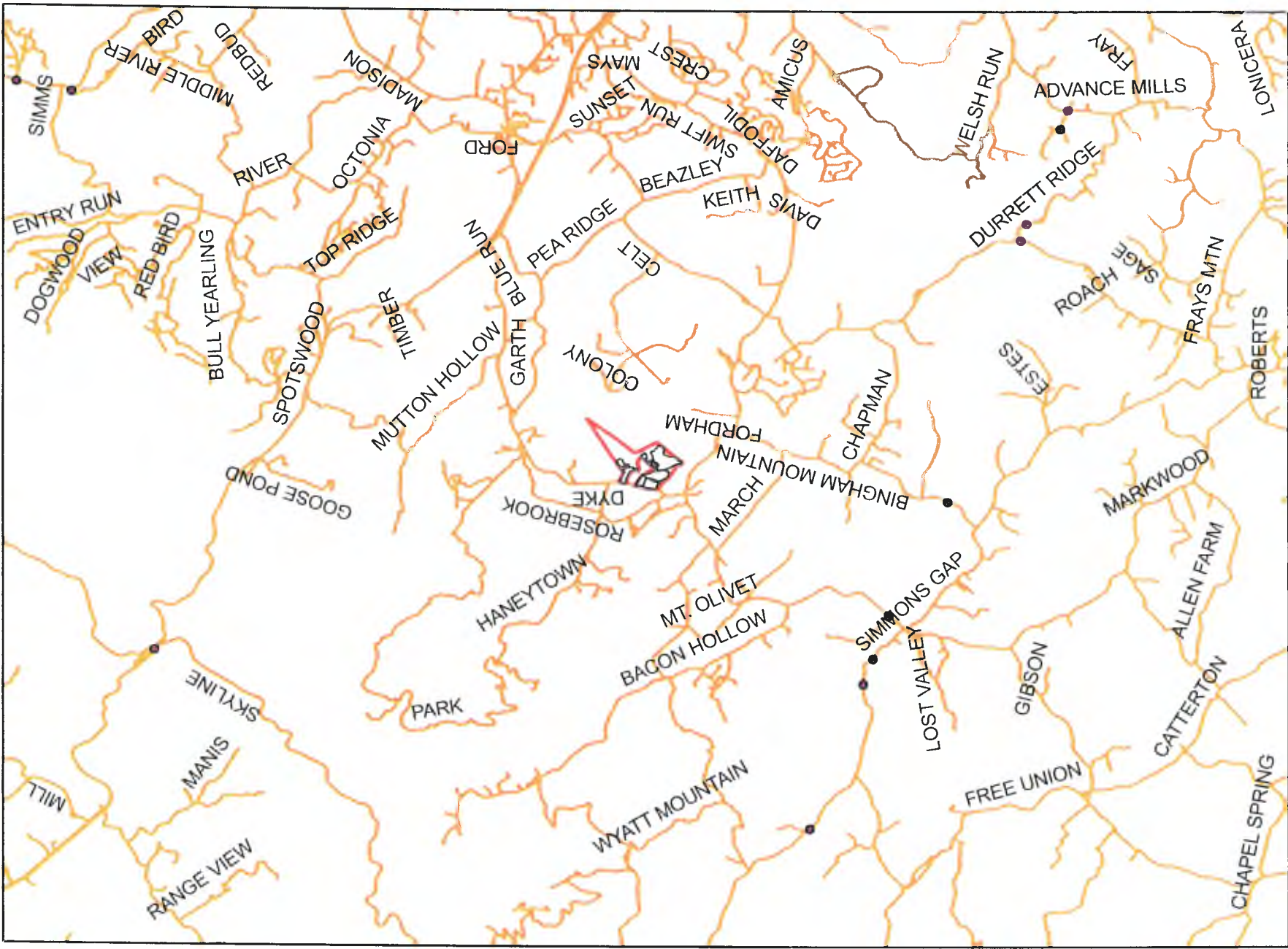
VICINITY MAP





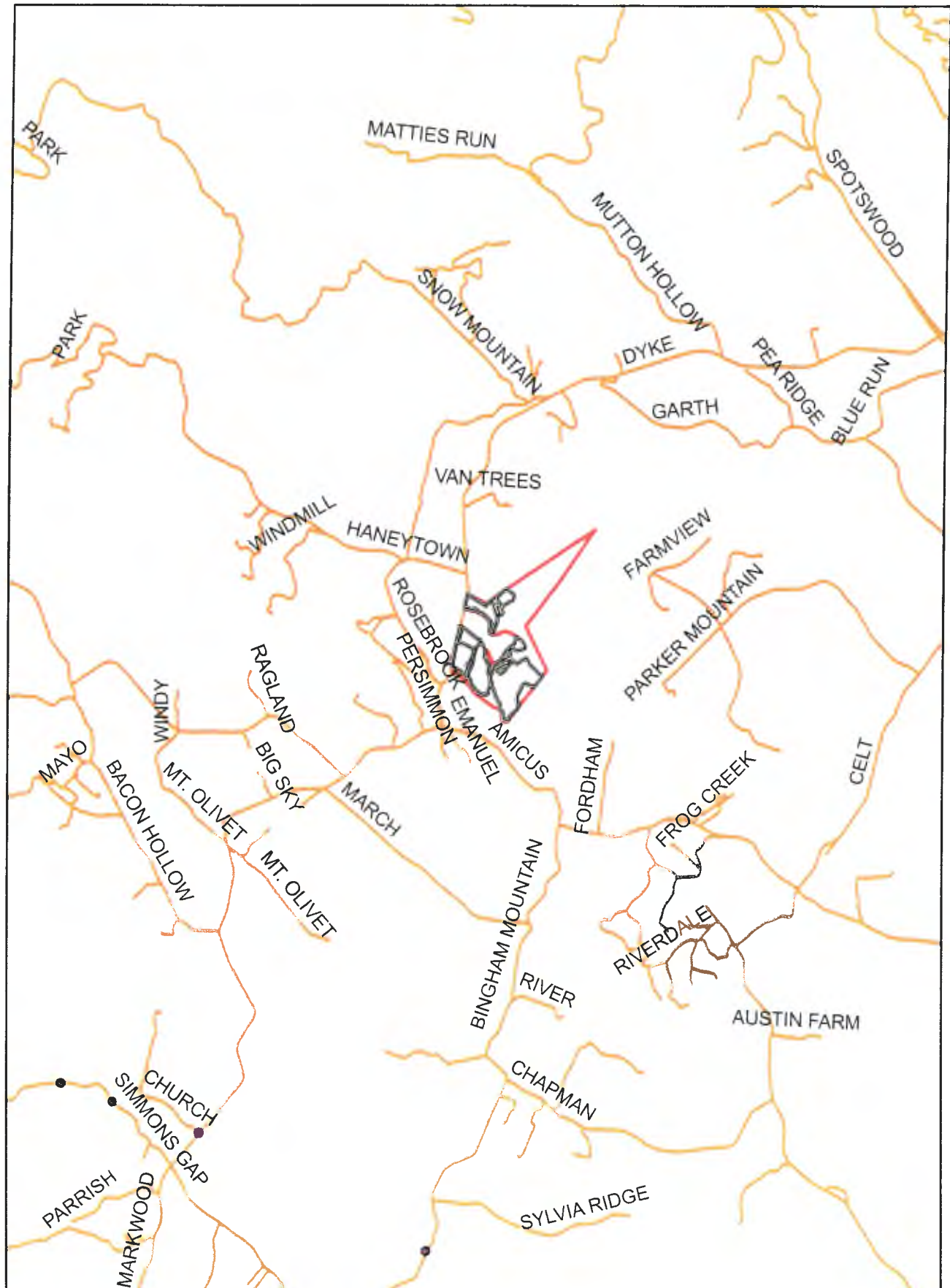
Recyc Systems[®]
Inc.

Karen Reid Sansom GRKRS



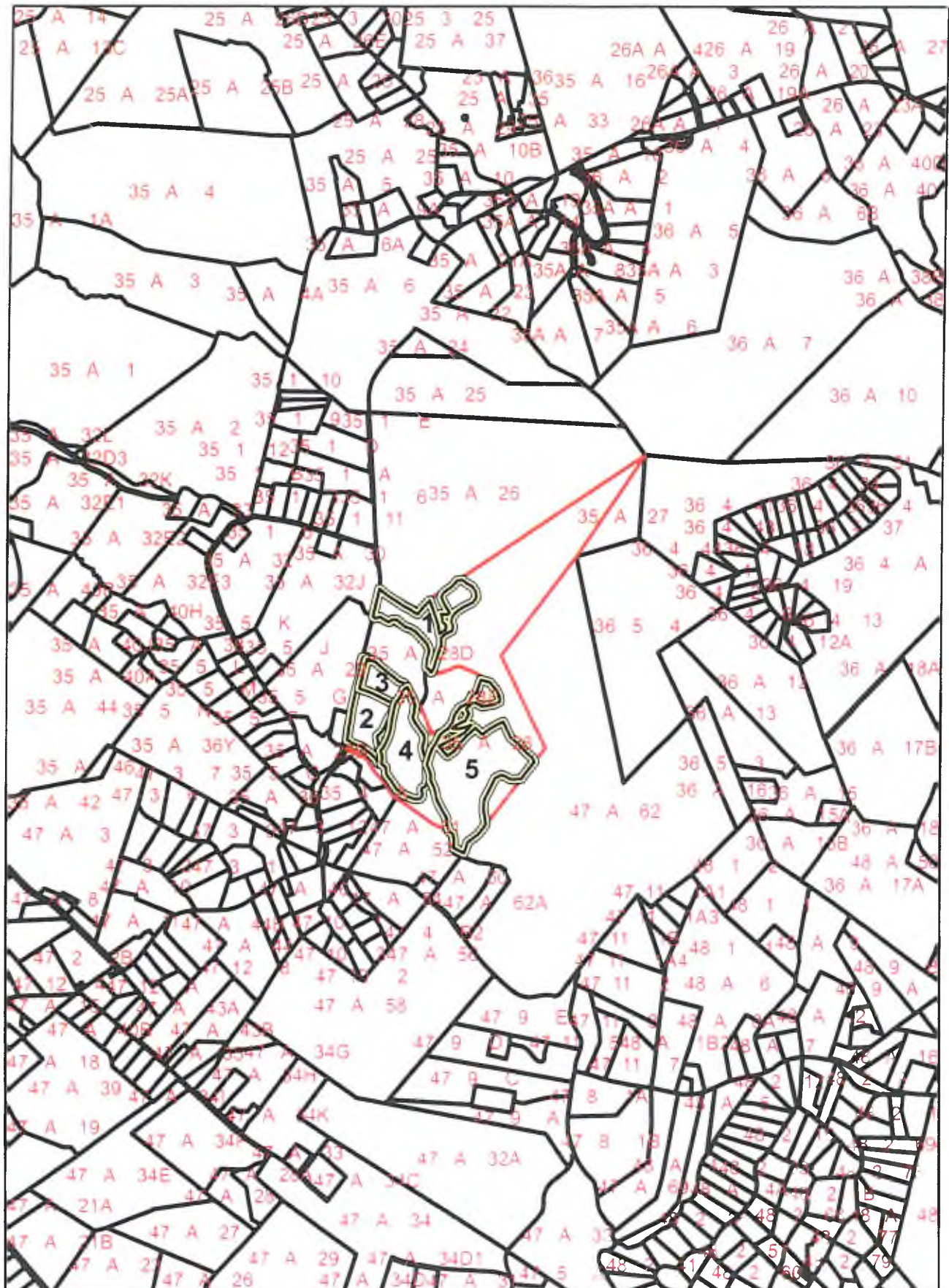
Vicinity Map

1 in = 2 miles



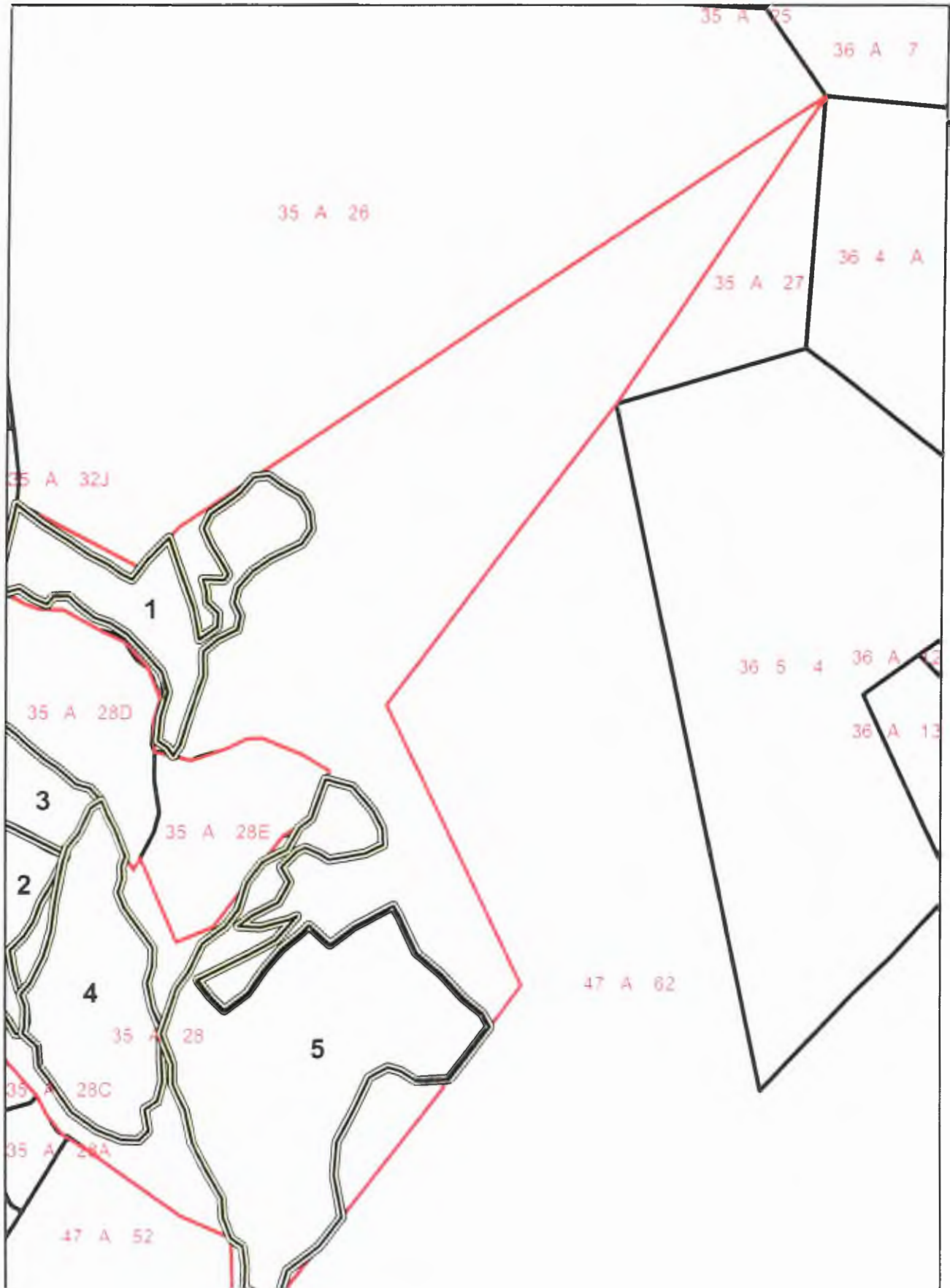
Vicinity Map

1 in = 1 miles



Tax Map

1 in = 2,000 feet



Tax Map

1 in = 660 feet

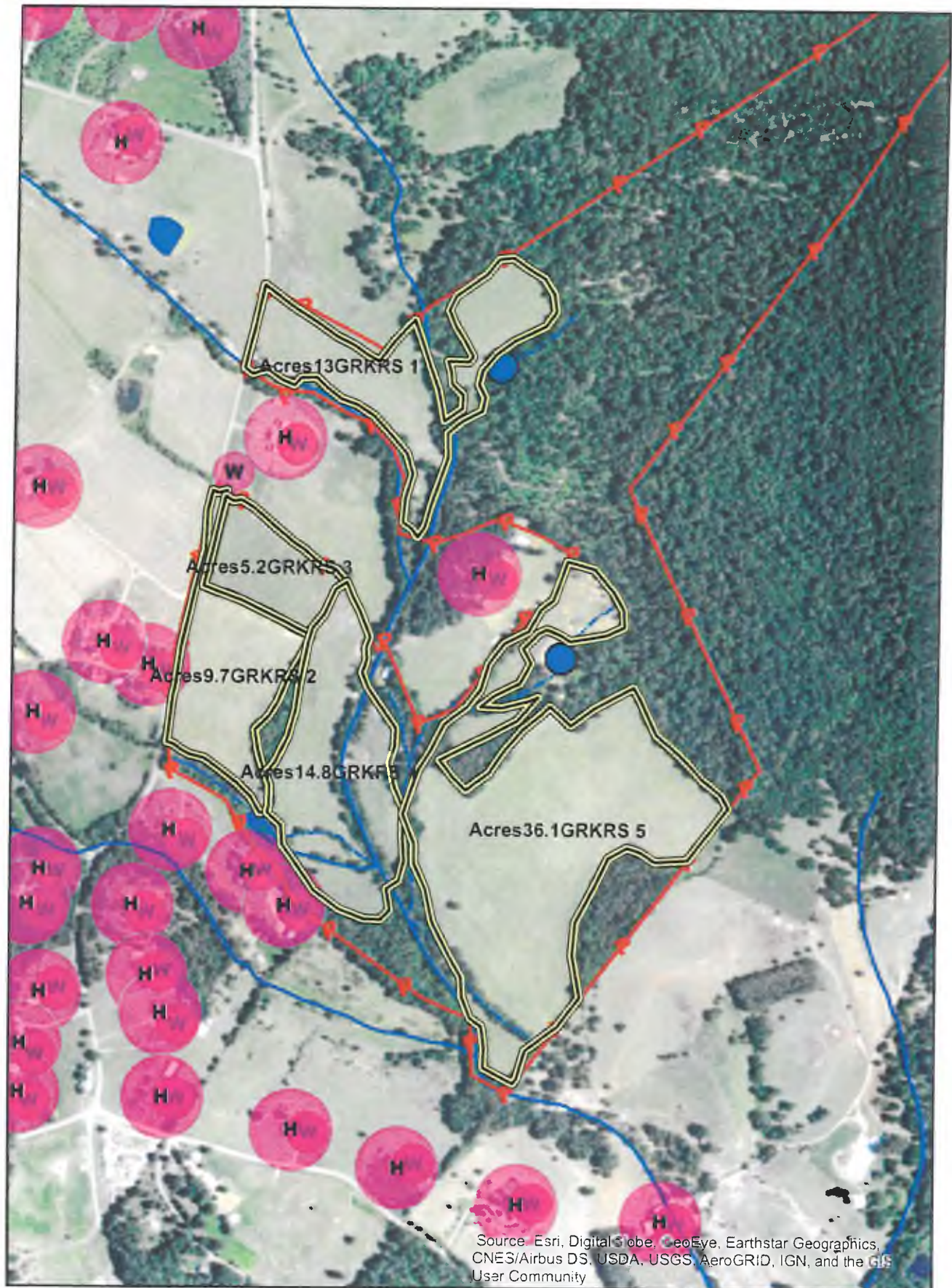


ADJOINING LANDOWNERS

Karen Reid Sansom

GREENE COUNTY

Tax Map	Parcel #	Owner Name(s)
35-A	26	October Hill LLC
	27	Marcus L. and Vivian M. Shifflett et als.
	28A	William E. and Brenda K. Thacker
	28C	William E. and Brenda K. Thacker
	28D	The Solitude Project LLC
	28E	Todd Michael Sansom
	29	Stanley L. Morris et. al.
	29A	Fred L. Morris
	29B	Fred Layton Morris
	32J	Beverly E. and Donnie L. Shifflett
36-A	7	William Garth Bear, Karen D. Bear & Johnnie A. and Barbara Bear Whitley
36-5	4	Marcus L. and Vivian M. Shifflett
47-A	52	Arthur D. and Dilmer K. McDaniel
	60	Ruthann Marie Yonkovig
	62	Silena K. Morris



Aerial Map

1 in = 660 feet



UNITED STATES DEPARTMENT OF
AGRICULTURE



FSN 295 Tract 263
Robert Sansom



Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS

Legend For Site Plan

Symbol

Feature

Minimum Setback



House and Well

200 feet from occupied dwelling *
100 feet from water supply wells or springs



Well or Spring

100 feet from water supply wells or springs



Streams or Surface Water

35 feet with 35 foot vegetated buffer
100 feet without vegetated buffer



Wet Spot



Trees and Woods



Private Drive



Rock Area/Rock Outcrop

25 feet from rock outcrops
50 feet from limestone rock outcrops



Severely Eroded Spot

18 Inch minimum depth of soil



Sink Hole

100 feet from open sinkholes
50 feet from closed sinkholes



State Road

10 feet from side of roadway



Fence / Field Boundary



Property Line

100 feet from property line *



Slope

15% maximum



Hashed out Area

No application

*Buffer can be reduced or waived upon written consent from landowner.



Recyc Systems, Inc.

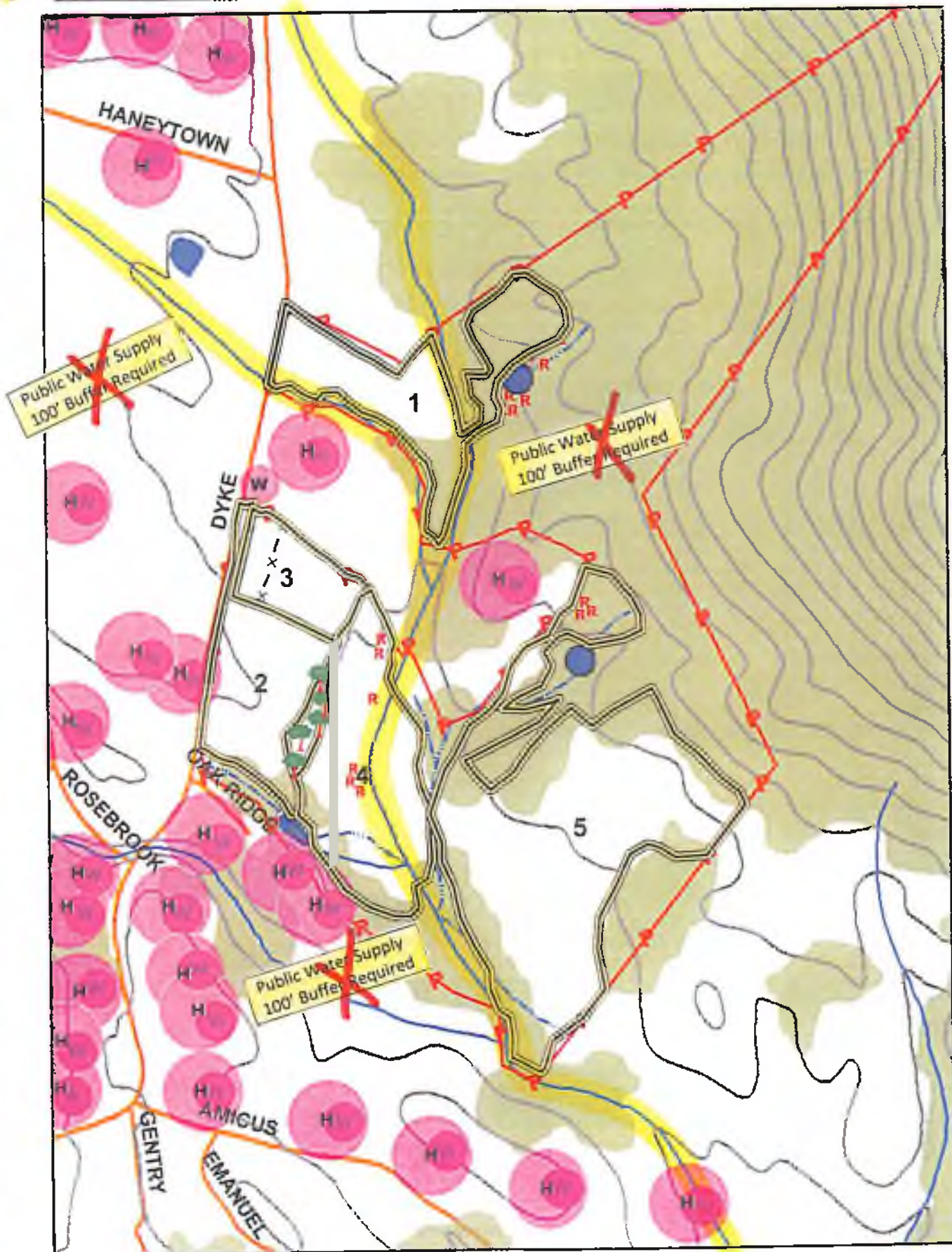
Revised

2-6-19

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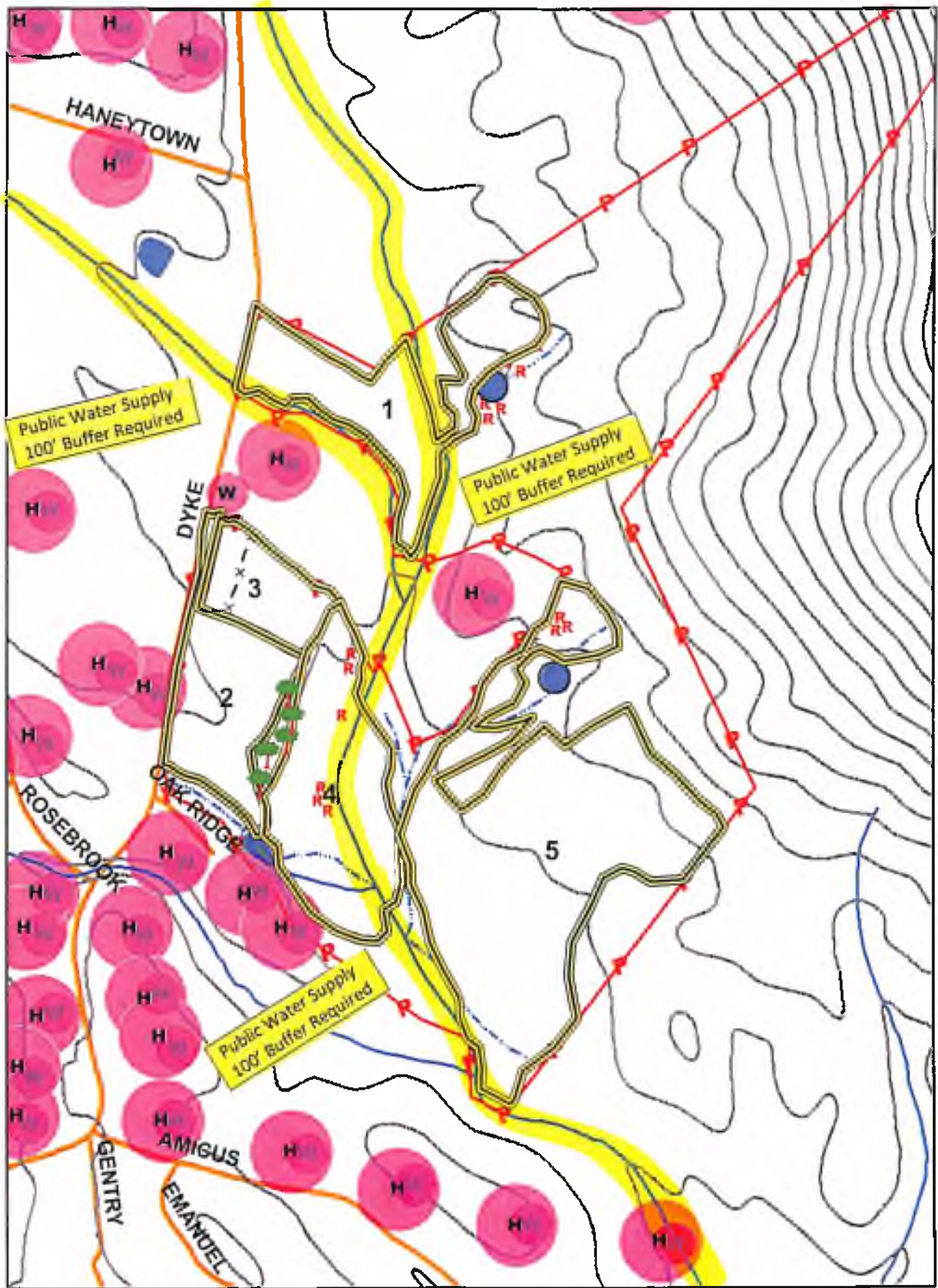
8-20-19

Karen Reid Sansom GRKRS



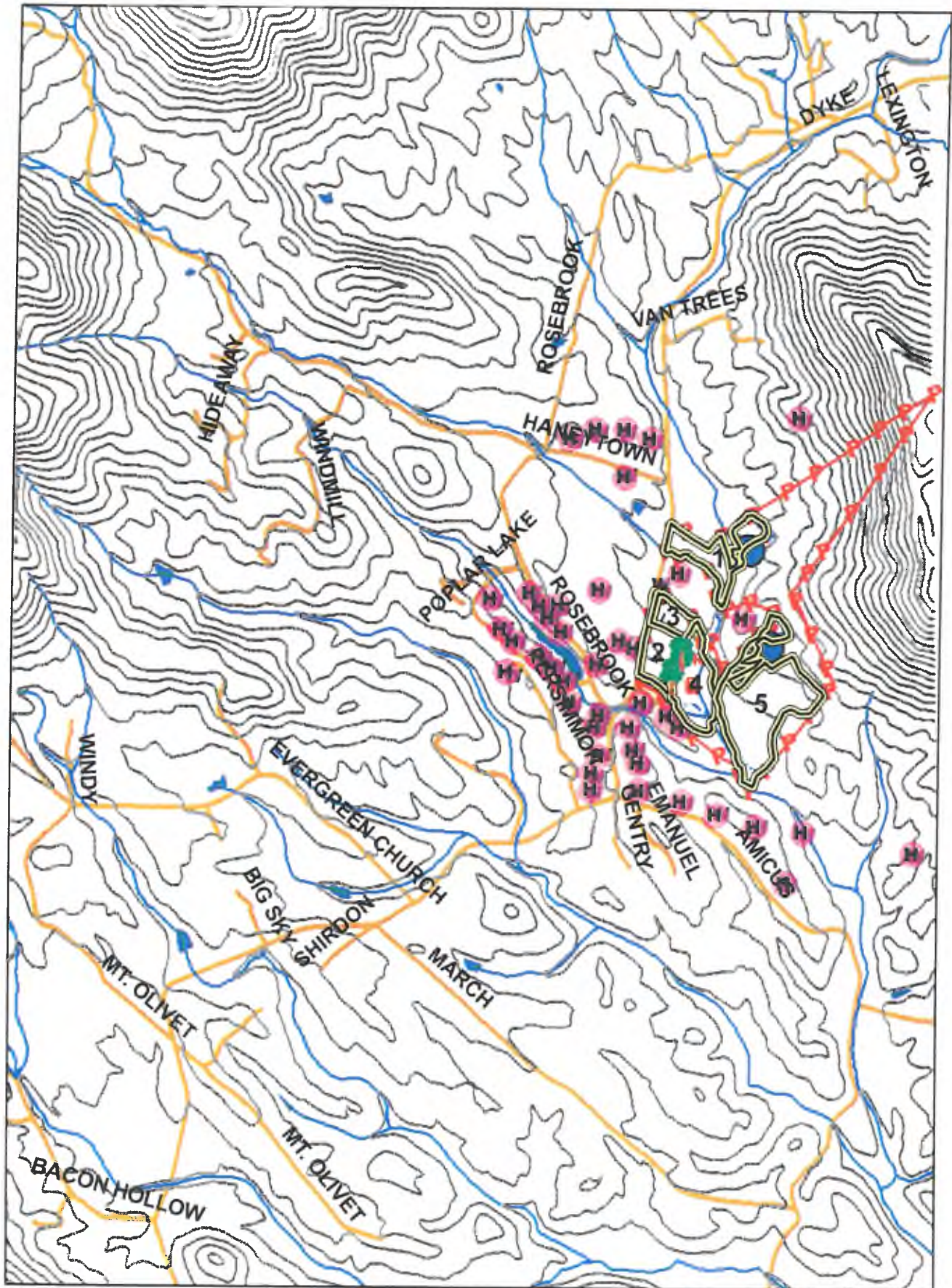
Site Map

1 in = 660 feet



Site Map

1 in = 660 feet



Site Map

1 in = 2,000 feet

